

PUBLIC NOTICE

PERMIT APPLICATION: NRS 07.245

APPLICANT: South Fork Development, LLC
P.O. Box 53502
Knoxville, Tenn. 37950
865-330-3541

LOCATION: Unnamed tributaries to East Fork Poplar Creek, proposed Groves Parks Commons, 795 Tuskegee Drive, Oak Ridge, Anderson County 35.9920 °N, -84.2742 °W

WATERSHED DESCRIPTION: The project is located in the Lower Clinch watershed (TN06010207) and the streams are all tributaries to East Fork Poplar Creek. The tributaries are not currently assessed for their support of its classified uses (fish and aquatic life, livestock watering and wildlife, recreation, and irrigation). The receiving stream, East Fork Poplar, has been assessed as not supporting and listed as impaired by numerous causes. The two main tributaries have existing impoundments and there are channelized segments, small and poorly maintained culverts, and eroding areas.

The immediate project vicinity is an existing golf course, surrounded by increasing residential development and bordered on the south by Department of Energy lands. For color photos of the existing streams, impoundments and wetlands, see the Internet version of this notice at:
<http://www.state.tn.us/environment/wpc/ppo/arap>.

PROJECT DESCRIPTION: The applicant proposes various stream modifications associated with the conversion of an existing golf course to a residential development.

Modifications at the East Basin: The northeast bank will be regarded to allow building lots and some increase in volume capacity. There will be no dredging of the impoundments as depicted in the figures. A new outlet and emergency spill way will be constructed. The embankment of the dam will be cleared of trees and re-compacted. Aeration equipment will be installed.

Modifications at the West Basin: The northwest bank will be lengthened by 600 feet to allow building lots and some increase in volume capacity. There will be no dredging of the impoundments as depicted in the figures. A new outlet and emergency spill way will be constructed. The embankment of the dam will be cleared of trees and re-compacted. Aeration equipment will be installed.

Tributary to the West Basin/Stream Restoration: Removal of 128 linear feet of 24" CMP and the relocation and reconstruction of the channel into a 366 linear foot channel. The proposed channel will have 3:1 side slopes and boulder clusters.

Tributary to East Basin/ Stream Restoration and Enhancement: A total of 145 linear feet of the stream will have the bank re-shaped, boulder clusters added, and riparian vegetation planted.

Wetlands upstream of the East Basin: The 0.29 acres wetland will have invasive plants removed and the area will be vegetated with other native water-dependent species such as cypress, cattails, rushes, button bushes, river birches and water oaks.

Four road crossings were previously authorized under the General Permit for Minor Road Crossings (notice of coverage NR0703.158).

In accordance with the Tennessee Antidegradation Statement (Rule 1200-4-3-.06), the division has determined that the proposed activity will not result in degradation to water quality.

USGS TOPOGRAPHIC QUADRANGLE: Bethel Valley 130 NE

PERMIT COORDINATOR: Juliana W. Kyzar

South Fork Development, LLC

No decision has been made whether to issue or deny this permit. The purpose of this notice is to inform interested parties of this permit application and to ask for comments and information necessary to determine possible impacts to water quality. Persons wishing to comment on the proposal are invited to submit written comments to the department. Written comments must be received within **thirty days of the date that this notice is posted**. Comments will become part of the record and will be considered in the final decision. The applicant's name and permit number should be referenced.

Interested persons may also request in writing that the department hold a public hearing on this application. The request must be filed within the comment period, indicate the interest of the person requesting it, the reasons that the hearing is warranted, and the water quality issues being raised. When there is sufficient public interest in water quality issues, the department will hold a public hearing.

The permit application, supporting documentation including detailed plans and maps, and related comments are available at the department's address for review and/or copying. The department's address is:

Tennessee Department of Environment & Conservation
Division of Water Pollution Control, Natural Resources Section
7th Floor L & C Annex
401 Church Street
Nashville, TN 37243

In deciding whether to issue or deny a permit, the department will consider all comments on record and the requirements of applicable federal and state laws.

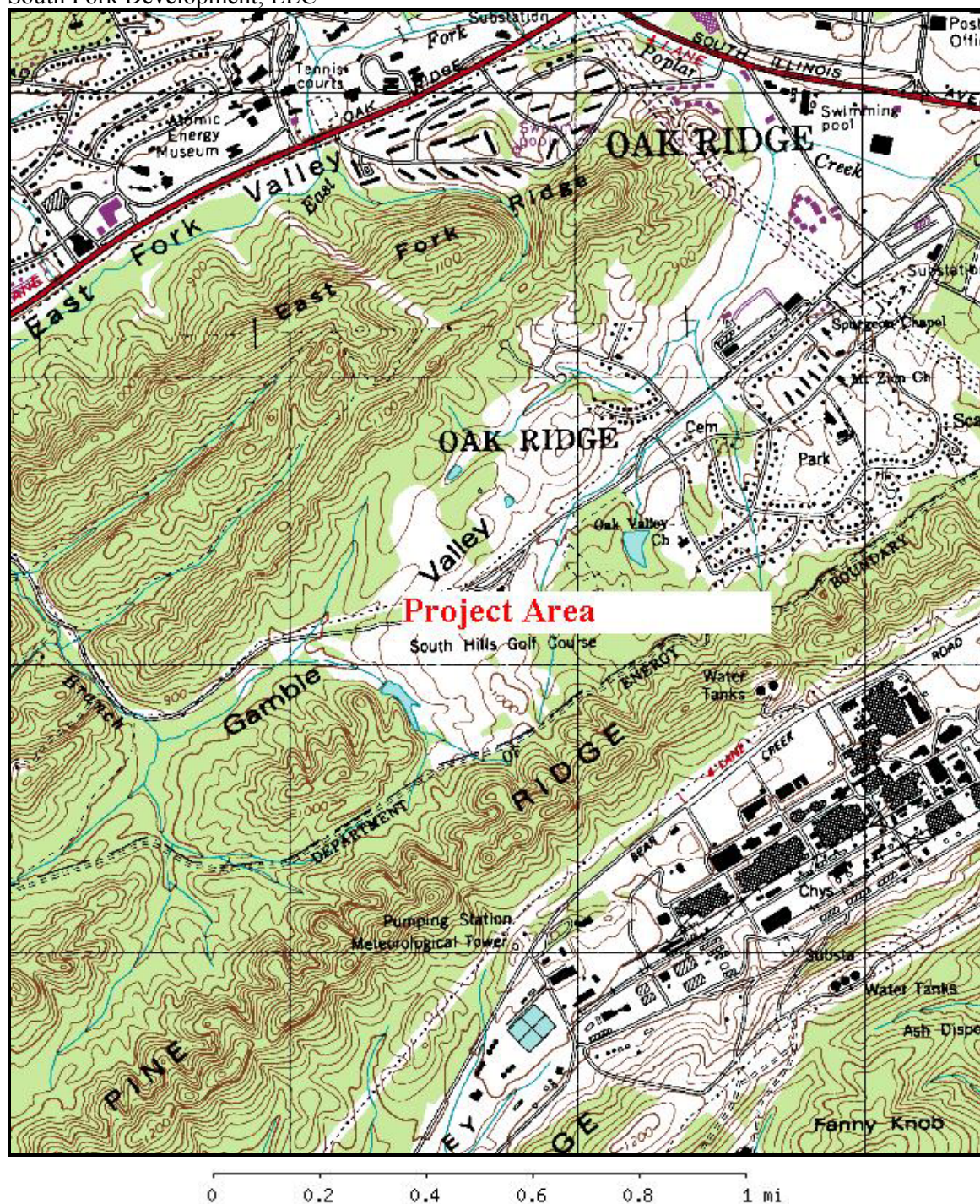


Figure 1: USGS topographic map with the project area indicated



Figure 2: Recent Aerial photo showing pre-project conditions.



Figure 3: Site plan showing location of components of individual ARAP/§401 application



Photos 1 & 2: East Basin and its embankment. Provided by BWSC.

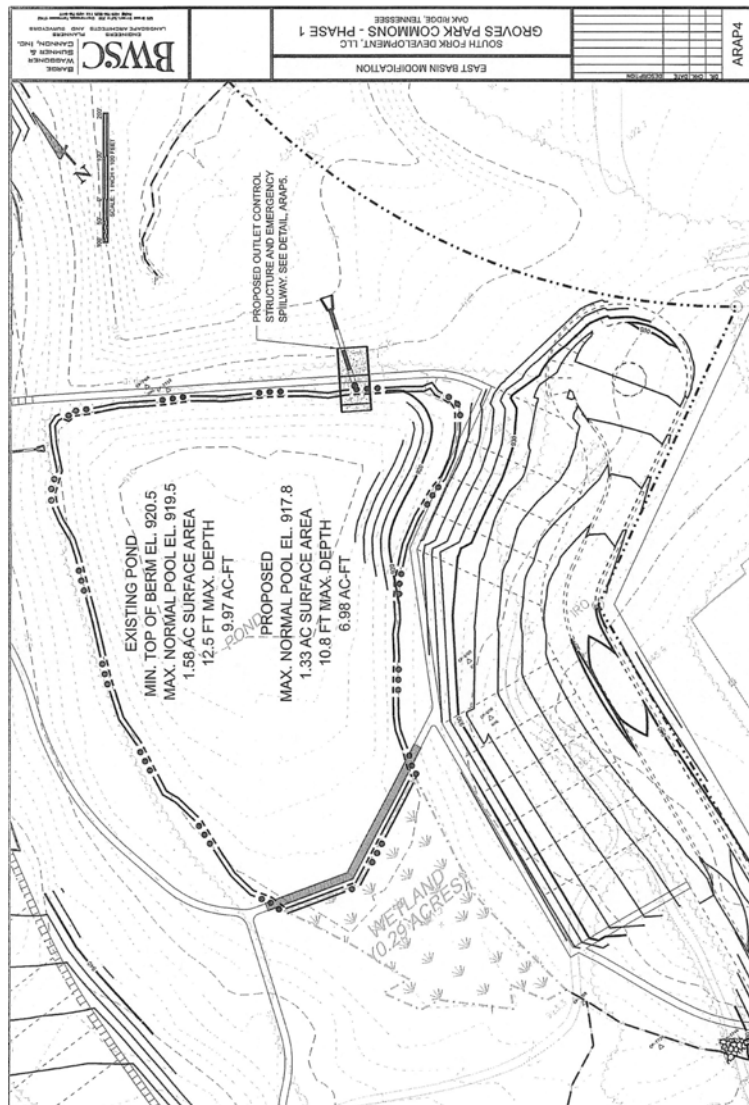


Figure 4: modifications to East Basin (no excavation).

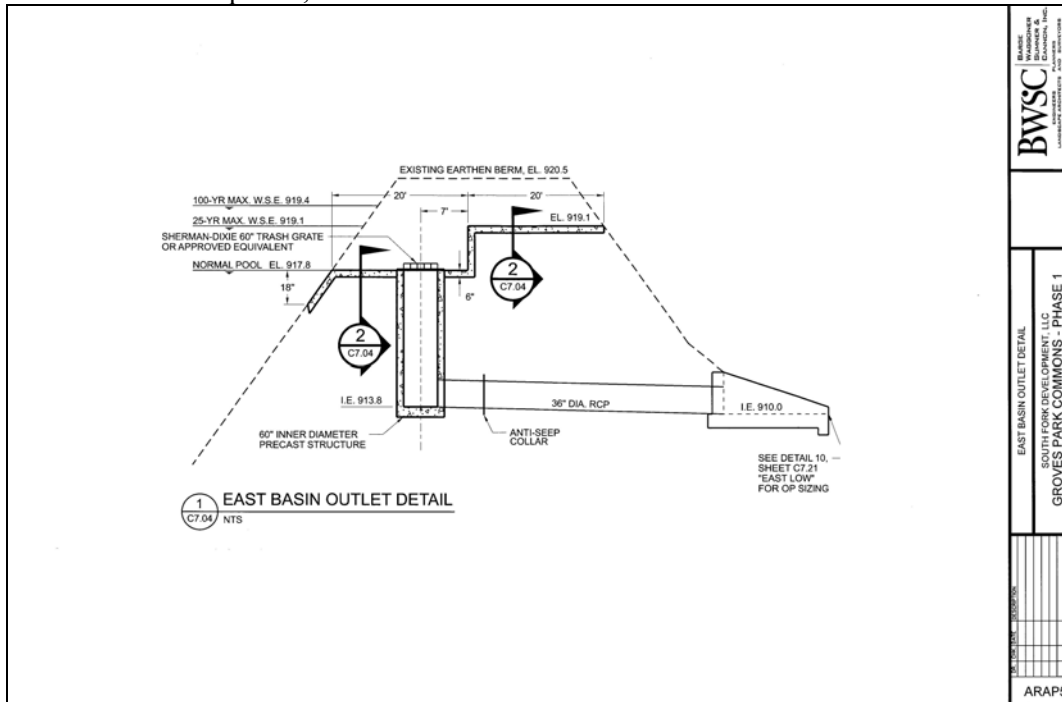


Figure 5: modifications to East Basin (no excavation).

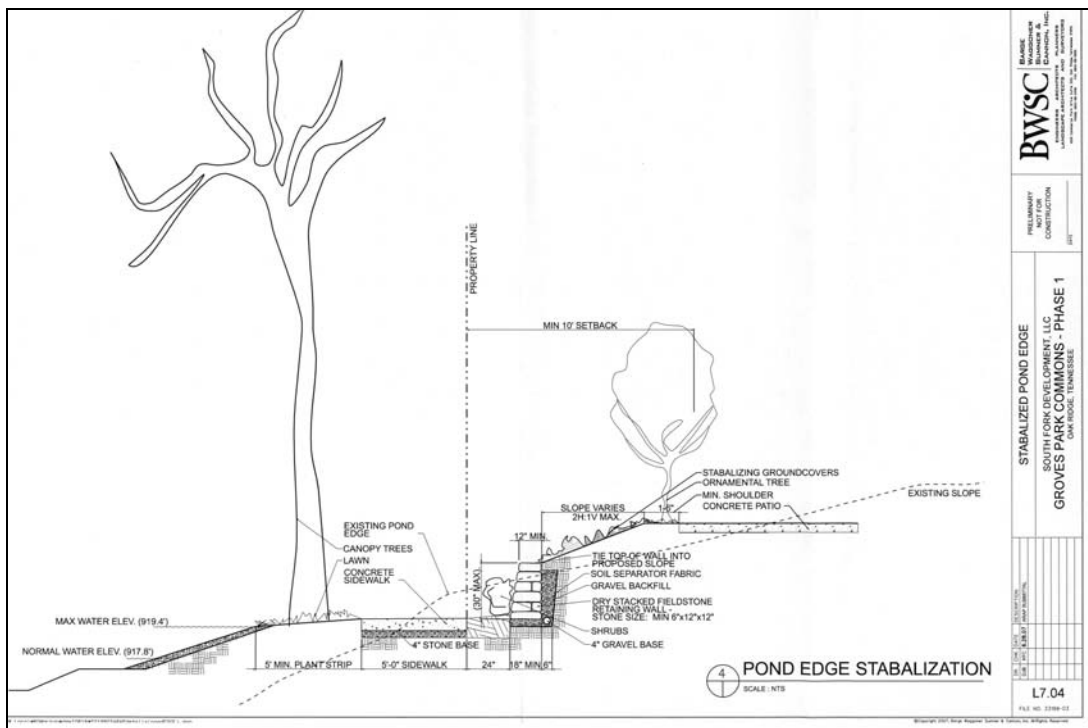


Figure 6 :Details of bank reshaping.

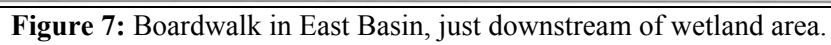




Photo 3 : West Basin. Provided by BWSC.

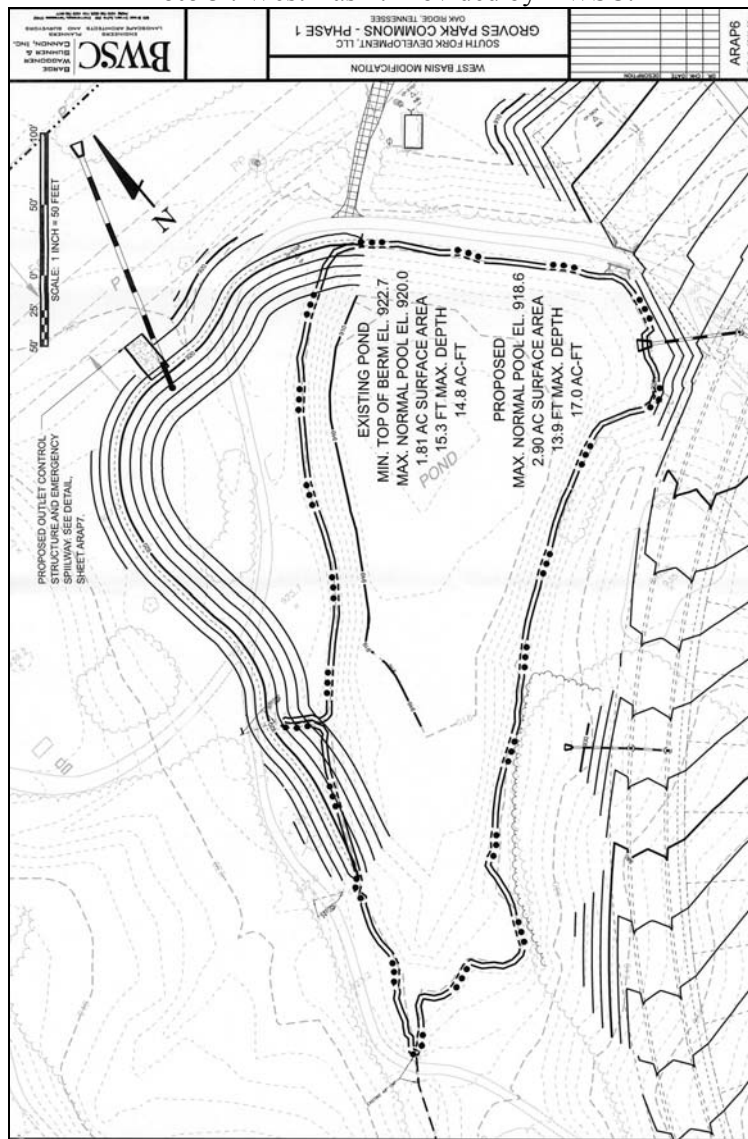


Figure 8: West Basin with regarding. No excavation of lake bed.

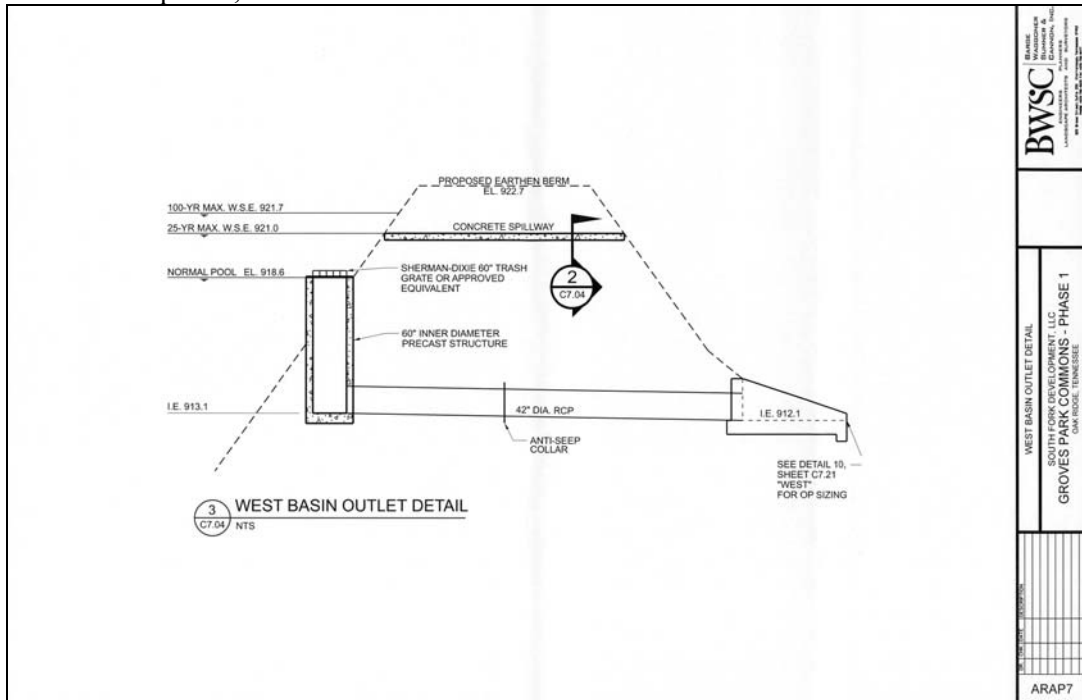


Figure 9: West Basin with regarding. No excavation of lake bed.



Photo 4: Inlet to culvert proposed for removal in stream relocation/restoration.

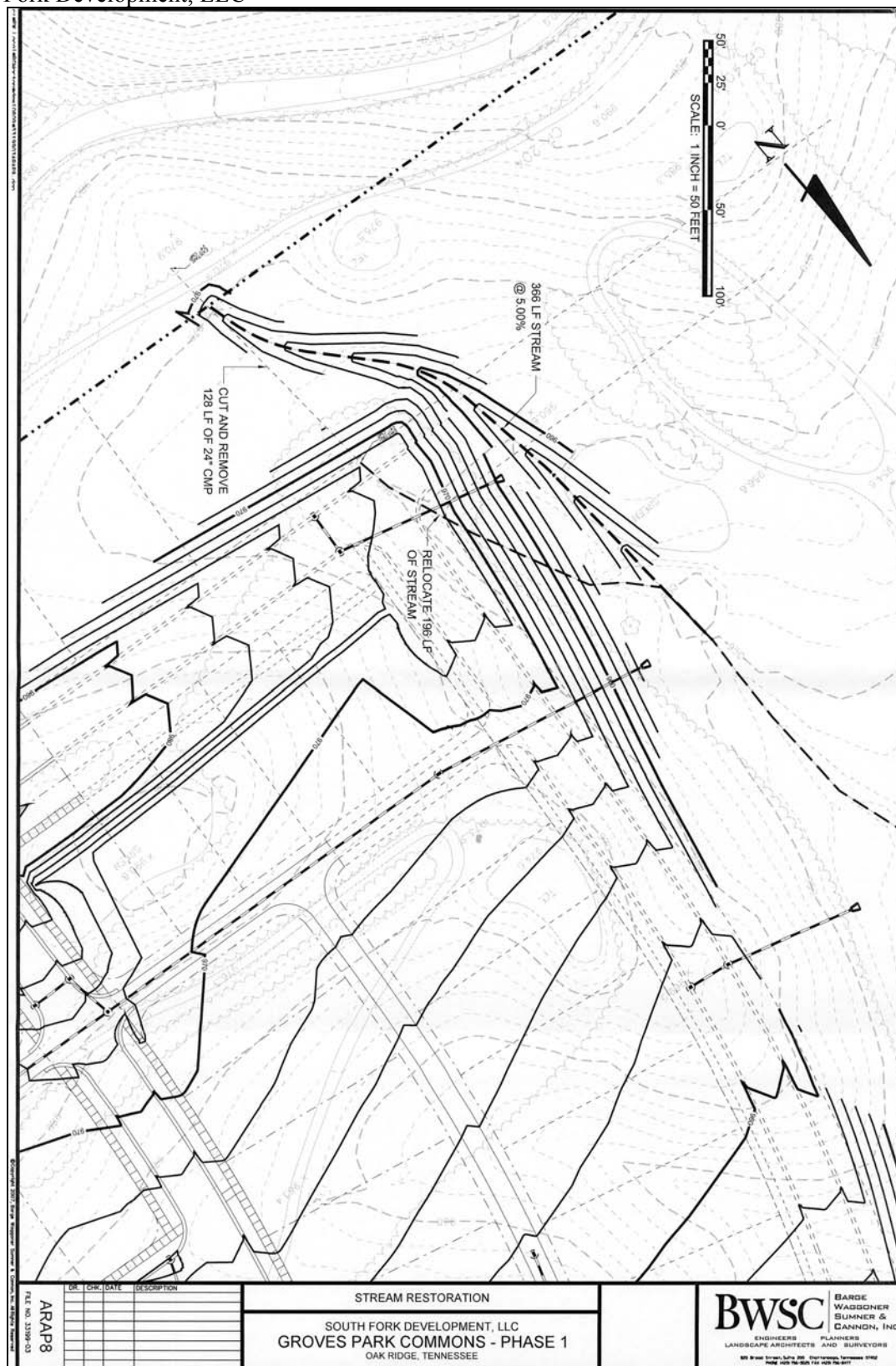


Figure 10: Area of grading for stream relocation



Photo 5 & 6: Tributary to East Basin proposed for restoration/enhancement

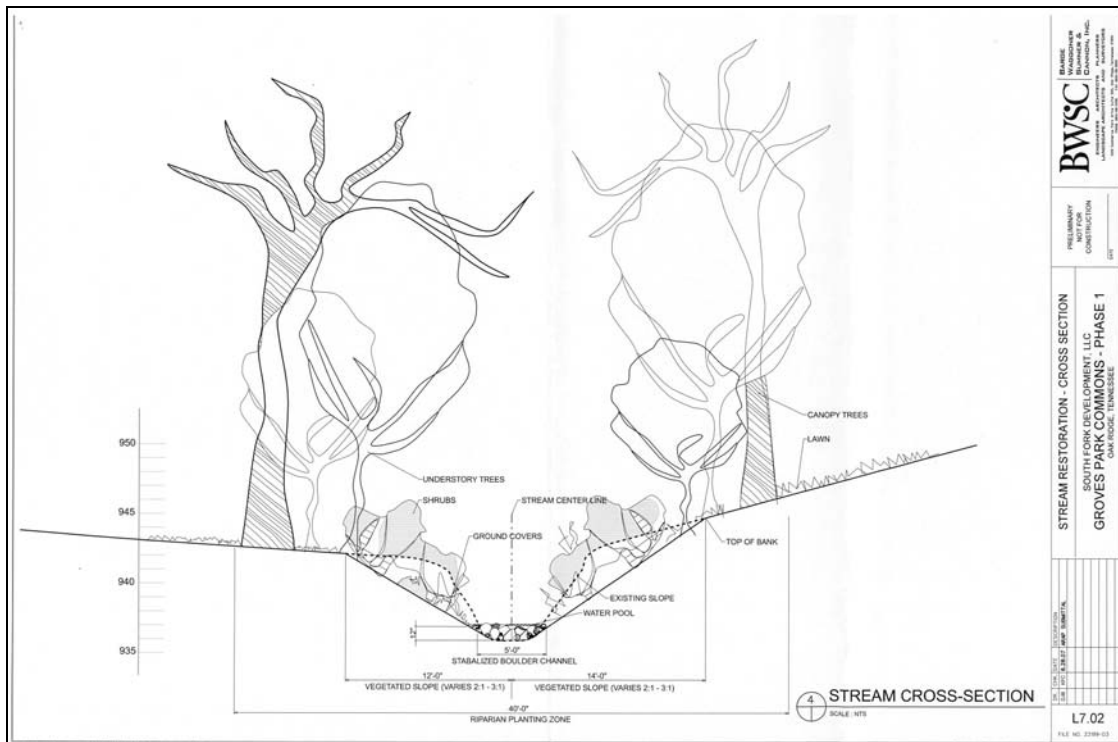


Figure 11: Proposed stream cross section for tributary to East Basin

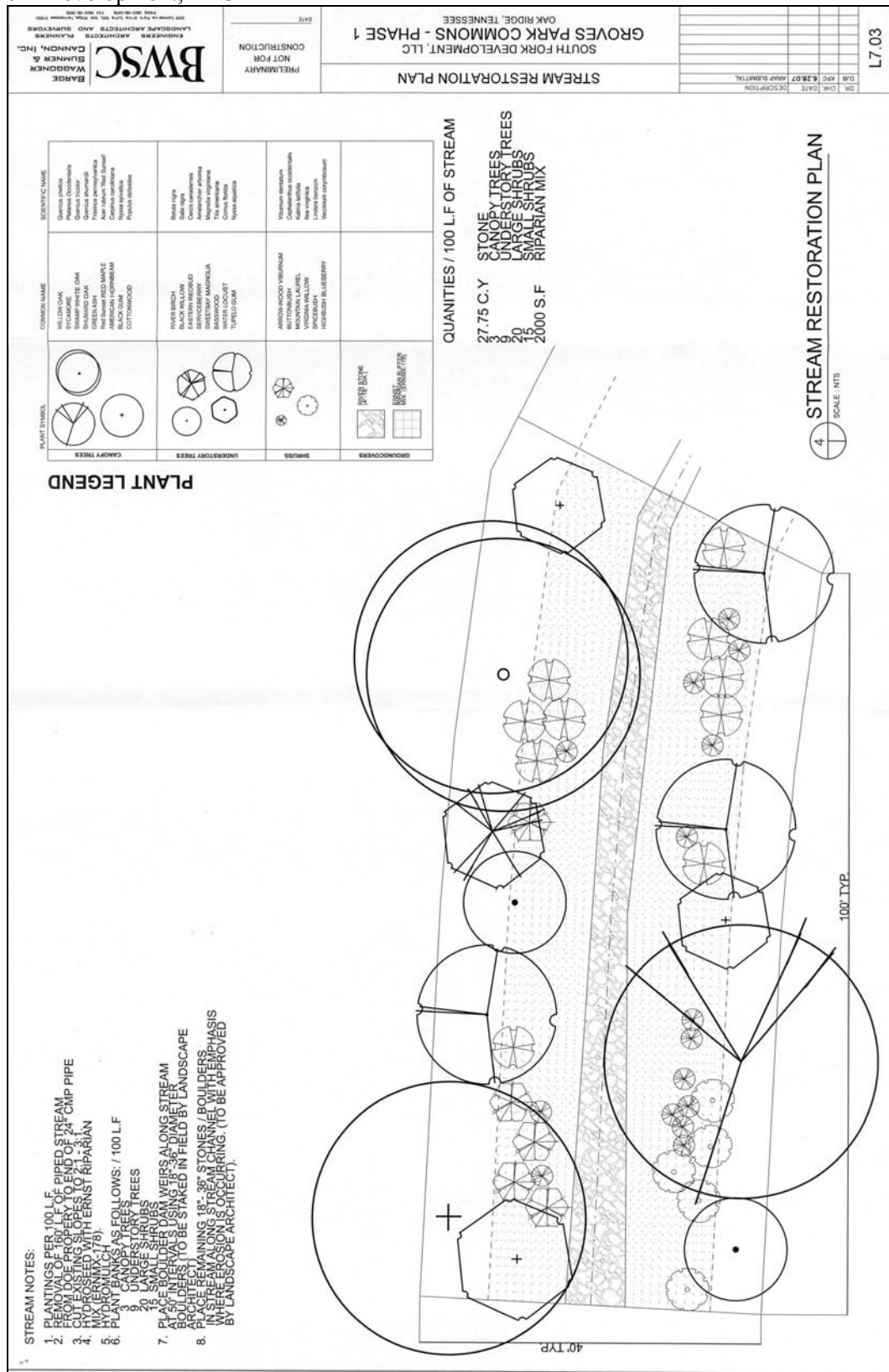


Figure 12: Proposed planting plan



Photo 7: Wetlands above the East Basin

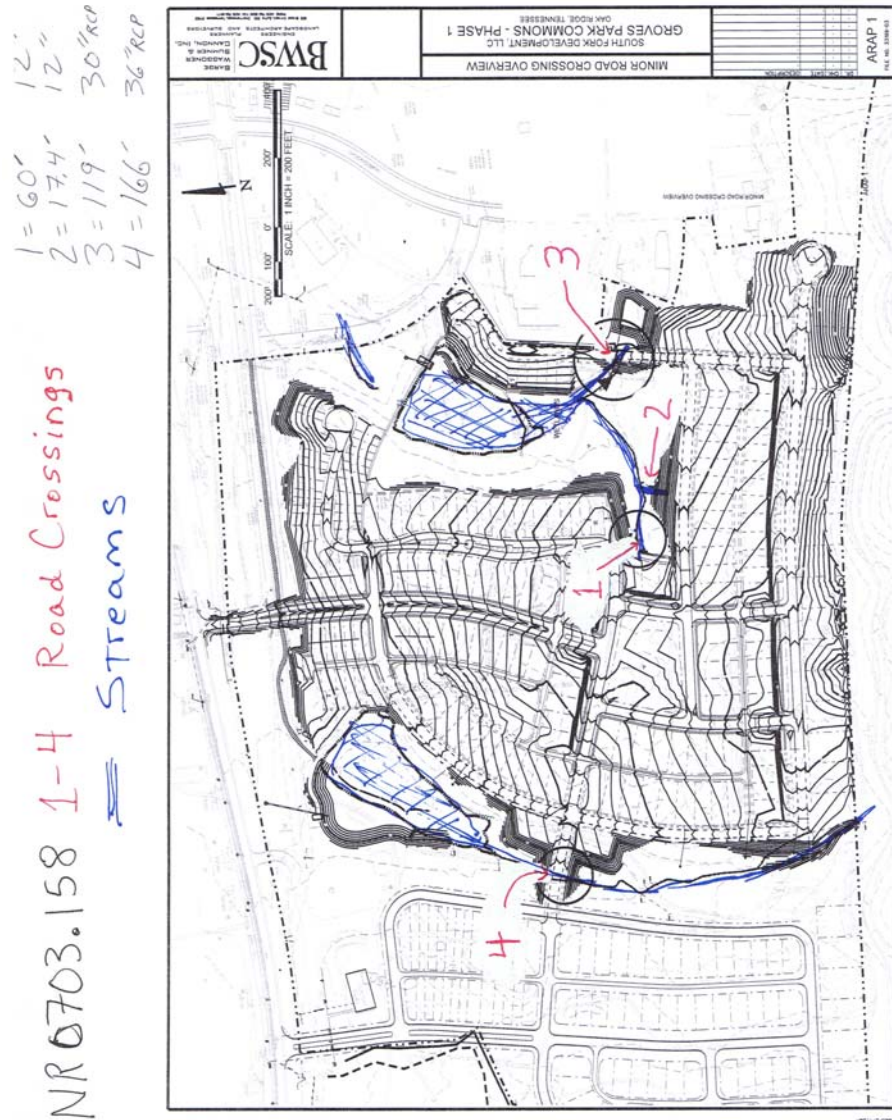


Figure 13: Modified site plan showing the location of the previously authorized road crossings.